

From: [Marcela P Orlandea](#)
To: [Aiello, Christine \(EGLE\)](#)
Subject: RE: Flows (MP001B, 001G, 001H, 001J, 001K)
Date: Monday, March 15, 2021 12:54:14 PM
Attachments: [image001.png](#)
Importance: High

CAUTION: This is an External email. Please send suspicious emails to abuse@michigan.gov

Christine – Please see below the flows for the proposed outfalls. I hope this arrangement addresses all questions.

001B Inactive CCR basin = Storm water and legacy water. The flow discharged is the stormwater contribution and for that reason we would like to have no limit as we have for other outfalls that discharge stormwater. **Suggest No flow Limit**

001G BADS 10% flow = **30-day average 0.3603MGD (the BATW recirculation system includes the NCMCW)**

001H Process Water pond = **Max 38.4MGD**

001J FGD WWT/ FGD Backwash= **Max 4.6 MGD, Average 1.4MGD**

001K Air Preheater/ Combustion Coil Wash **Max 2.4 MGD, Average of 0.68 MGD/month.**

Please feel free to set up a call if you want us to further discuss the Outfalls contributions.

Thank you!

Mici

From: Aiello, Christine (EGLE) <AIELLOC@michigan.gov>
Sent: Monday, March 15, 2021 9:54 AM
To: Marcela P Orlandea <marcela.orlandea@dteenergy.com>
Subject: [EXTERNAL] RE: Flows (MP001B, 001G, 001H, 001J, 001K)

...Also, you've stated earlier that the effluent from 001G, 001J, and 001K represents (or will represent) a portion of the total max authorization for 001H, so if any MPs are linked to 001H's flow rate, I'd think it would be those 3. That said, I really don't want you to link their flow authorization if you can help it; 001G, 001J, and 001K should have their own separate flows (as you provided below).

Christine Aiello

Environmental Quality Specialist
Industrial and Storm Water Permits Unit
Permits Section | Water Resources Division
Michigan Department of Environment, Great Lakes, and Energy
525 West Allegan | P.O. Box 30457 | Lansing, MI 48909
aiello@michigan.gov | 517.294.0984 – NEW PHONE NUMBER

[Michigan.gov/EGLE](https://michigan.gov/EGLE) | [Follow Us](#)



From: Aiello, Christine (EGLE)
Sent: Monday, March 15, 2021 7:55 AM
To: Marcela P Orlandea <marcela.orlandea@dteenergy.com>
Subject: RE: Flows (MP001B, 001G, 001H, 001J, 001K)

Hi Mici,

Happy Monday!

If 001B and 001H are indeed discharging qualitatively different wastewaters now, I have difficulty with the scenario below because it links their flows to each other.

Regarding 001G, won't NCMCW account for any portion of the flow and thus require an authorization higher than 0.3603 MGD 30-day avg?

Christine Aiello

Environmental Quality Specialist
Industrial and Storm Water Permits Unit
Permits Section | Water Resources Division
Michigan Department of Environment, Great Lakes, and Energy
525 West Allegan | P.O. Box 30457 | Lansing, MI 48909
aiello@michigan.gov | 517.294.0984 – NEW PHONE NUMBER

[Michigan.gov/EGLE](https://michigan.gov/EGLE) | [Follow Us](#)



From: Marcela P Orlandea <marcela.orlandea@dteenergy.com>
Sent: Friday, March 12, 2021 6:07 PM
To: Aiello, Christine (EGLE) <AIELLOC@michigan.gov>
Subject: Flows (MP001B, 001G, 001H, 001J, 001K)
Importance: High

CAUTION: This is an External email. Please send suspicious emails to abuse@michigan.gov

Christine,

DTE would prefer a maximum daily flow rate (in MGD) from all the outfalls listed below not to exceed 38.4 MGD rather than individual maximum daily flows. However, if a maximum daily flow

rate has to be specified at each monitoring point, we request the following:

001B Inactive CCR basin = Storm water and legacy water. **Suggest No flow Limit**

001G BADS 10% flow = Would use BADS discharge flow from ELG = **30-day average
0.3603MGD**

001H Process Water pond= <38.4MGD **001B and 001H combined must be at or below
38.4MGD**

001J FGD WWT/ FGD Backwash= **Max 4.6 MGD, Average 1.4MGD**

001K Air Preheater/ Combustion Coil Wash **Max 2.4 MGD, Average of 0.68 MGD/month.**

I hope this helps.

Thank you.

Marcela P. Orlandea, PE, LEED AP | Principal Environmental Engineer

DTE Energy | Environmental Management & Safety

One Energy Plaza, 415 GO, F-40 | Detroit, MI 48226 | Ph: 313.235.6216 | Cell: 248.207.7768

Email: marcela.orlandea@dteenergy.com